

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				<b><i>Complete if Known</i></b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/601,171-Conf. #4940
				Filing Date	June 23, 2003
				First Named Inventor	Gerald Walter FISCHER
				Art Unit	1645
				Examiner Name	N. Archie
(Use as many sheets as necessary)					
Sheet	1	of	3	Attorney Docket Number	
				SYNI-003CN	

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4).

Dated: June 17, 2009

Electronic Signature for Amy E. Mandragouras, Esq.: /Amy E. Mandragouras/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	10/601,171-Conf. #4940
				Filing Date	June 23, 2003
				First Named Inventor	Gerald Walter FISCHER
				Art Unit	1645
				Examiner Name	N. Archie
Sheet	2	of	3	Attorney Docket Number	SYNI-003CN

<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	Archibald, A.R., "The Structure, Biosynthesis and Function of Teichoic Acid," <i>Advances in Microbial Physiology</i> , Vol. 11, Academic Press Inc., U.S., pgs. 53-95 (1974)	
	C2	Beining, Paul R. et al., "Influence of Carrier-Specific, Thymus-Derived Cells on the Immunoglobulin M Antibody Response to Staphylococcal Lipoteichoic Acid," <i>Infection and Immunity</i> , Vol. 29(1):132-139 (1980)	
	C3	Childs, Warren C. III et al., "Biosynthesis of D-Alanyl-Lipoteichoic Acid: Characterization of Ester-Linked D-Alanine in the In Vitro-Synthesized Product," <i>Journal of Bacteriology</i> , Vol. 143(1):293-301 (1980)	
	C4	Duckworth, M. et al., "Lipoteichoic Acid and Lipoteichoic Acid Carrier in <i>Staphylococcus Aureus</i> H," <i>FEBS Letters</i> , Vol. 53(2):176-179 (1975)	
	C5	Emdur, Larry et al., "The Role of Phosphatidylglycerol in the in Vitro Biosynthesis of Teichoic Acid and Lipoteichoic Acid," <i>FEBS Letters</i> , Vol. 55(1):216-219 (1975)	
	C6	Fischer, Werner et al., "On the basic structure of poly(glycerophosphate) lipoteichoic acids," <i>Biochem. Cell Biol.</i> , Vol. 68:33-43 (1990)	
	C7	Ganfield, Mong-Ching W. et al., "The Biosynthesis of Nascent Membrane Lipoteichoic Acid of <i>Streptococcus faecium</i> ( <i>S. faecalis</i> ATCC 9790) from Phosphatidylketobiosyl Diacylglycerol and Phosphatidylglycerol," <i>The Journal of Biological Chemistry</i> , Vol. 255(11):5164-5169 (1980)	
	C8	Hegde, Venkatesh L. et al., "Generation of antibodies specific to D-mannitol, a unique haptenic allergen, using reductively aminated D-mannose-bovine serum albumin conjugate as the immunogen," <i>Immunobiology</i> , Vol. 212:119-128 (2007)	
	C9	Kessler, R.E. et al., "Effects of Substitution on Polyglycerol Phosphate-Specific Antibody Binding to Lipoteichoic Acids," <i>Infection and Immunity</i> , Vol. 41(2):549-555 (1983)	
	C10	Kiriukhin, Michael Y. et al., "Biosynthesis of the Glycolipid Anchor in Lipoteichoic Acid of <i>Staphylococcus aureus</i> RN4220: Role of YpfP, the Diglucosyldiacylglycerol Synthase," <i>Journal of Bacteriology</i> , Vol. 183(11):3506-3514 (2001)	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO				<b><i>Complete if Known</i></b>	
				Application Number	10/601,171-Conf. #4940
				Filing Date	June 23, 2003
				First Named Inventor	Gerald Walter FISCHER
				Art Unit	1645
				Examiner Name	N. Archie
Sheet	3	of	3	Attorney Docket Number	SYNI-003CN

<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C11	Knox, K.W. et al., "Formation of Cross-Reacting Antibodies Against Cellular and Extracellular Lipoteichoic Acid of <i>Streptococcus mutans</i> BHT," <i>Infection and Immunity</i> , Vol. 13(3):647-652 (1976)	
	C12	Knox, K.W. et al., "Immunological Properties of Teichoic Acids," <i>Bacteriological Reviews</i> , Vol. 37(2):215-257 (1973)	
	C13	McCarty, Maclyn et al., "Cell Wall Antigens of Gram-Positive Bacteria," <i>Adv. Immunol.</i> , Vol. 27:249-286 (1964)	
	C14	Meuleman, Philip et al., "Anti-CD81 Antibodies Can Prevent a Hepatitis C Virus Infection <i>In Vivo</i> ," <i>Hepatology</i> , Vol. 48(6):1761-1768 (2008)	
	C15	Montgomery, Paul C. et al., "Molecular Restriction of Anti-DNP Antibodies Induced by (DNP)2-Gramicidins S," <i>The Journal of Immunology</i> , Vol. 115(4):904-910 (1975)	
	C16	Rosok, Mae Joanne et al., "Generation and Characterization of Murine Antiflagellum Monoclonal Antibodies That Are Protective Against Lethal Challenge," <i>Infection and Immunity</i> , Vol. 58(12): 3819-3828 (1990)	
	C17	Stashenko, P. et al., "Effect of Monoclonal Antibodies Against Lipoteichoic Acid from the Oral Bacterium <i>Streptococcus Mutans</i> on its Adhesion and Plaque-accumulation <i>In Vitro</i> ," <i>Archs. oral Biol.</i> , Vol. 31(7):455-461 (1986)	
	C18	Trump, Gary N. et al., "Electrophoretically Homogeneous Anti-DNP Antibodies with Restricted Isoelectric Points Elicited in Mice by Immunization with Antigen Papain-S-DNPL," <i>Proceedings of the National Academy of Science</i> , Vol. 66(2):411-418 (1970)	
	C19	Volk, W.A. et al., "Neutralization of Tetanus Toxin by Distinct Monoclonal Antibodies Binding to Multiple Epitopes on the Toxin Molecule," <i>Infection and Immunity</i> , Vol. 45(3):604-609 (1984)	
	C20	Wicken, A.J. et al., "Bacterial Cell Surface Amphiphiles," <i>Biochimica et Biophysica Acta</i> , Vol. 604:1-26 (1980)	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.